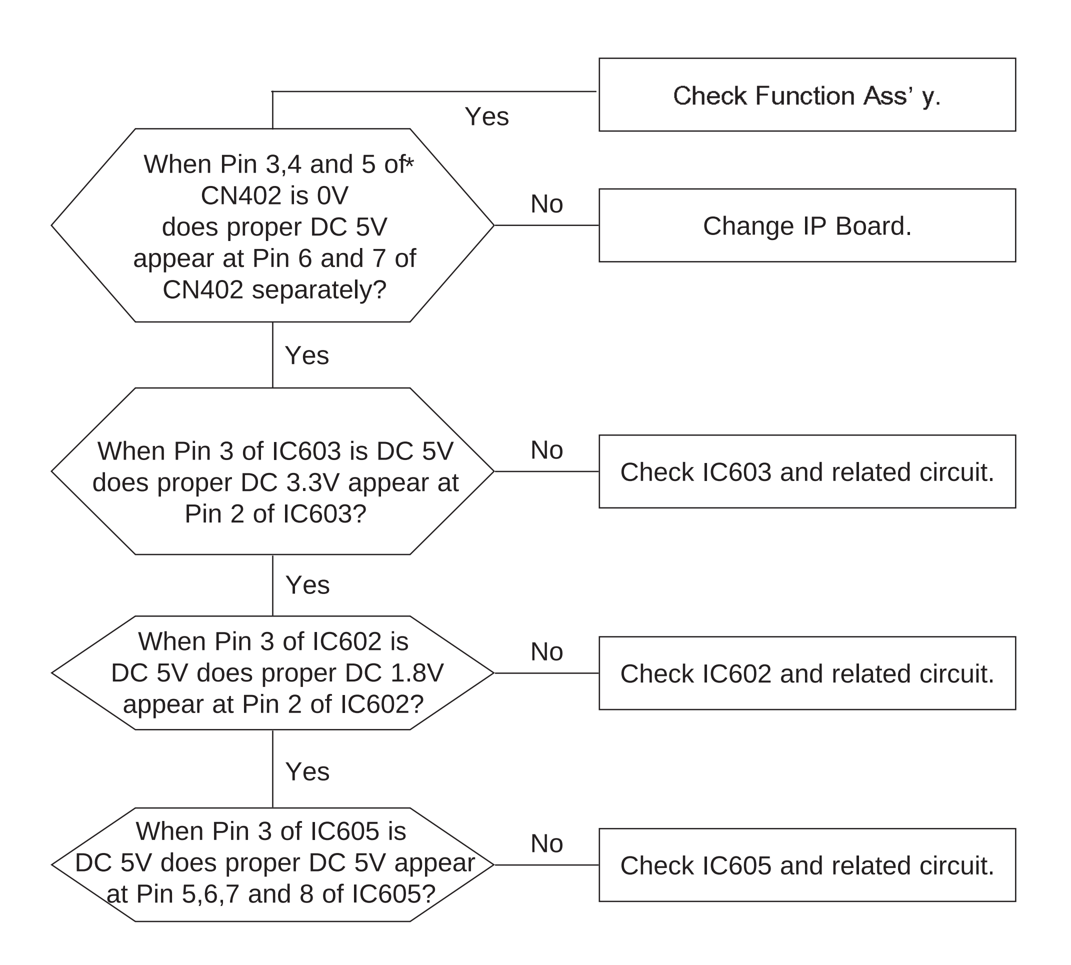
4 Troubleshooting

Notes: 1. Before troubleshooting, setup the PC's display as below.
- Resolution: 1280 x 1024
- H-frequency: 64 kHz
- V-frequency: 60 Hz

2. If no picture appears, make sure the power cord is correctly connected.
3. Check the following circuits.
- No raster appears: Function PBA, Main PBA, I/P PBA
- 5V develop but no screen: Main PBA
- 5V does not develop: I/P PBA

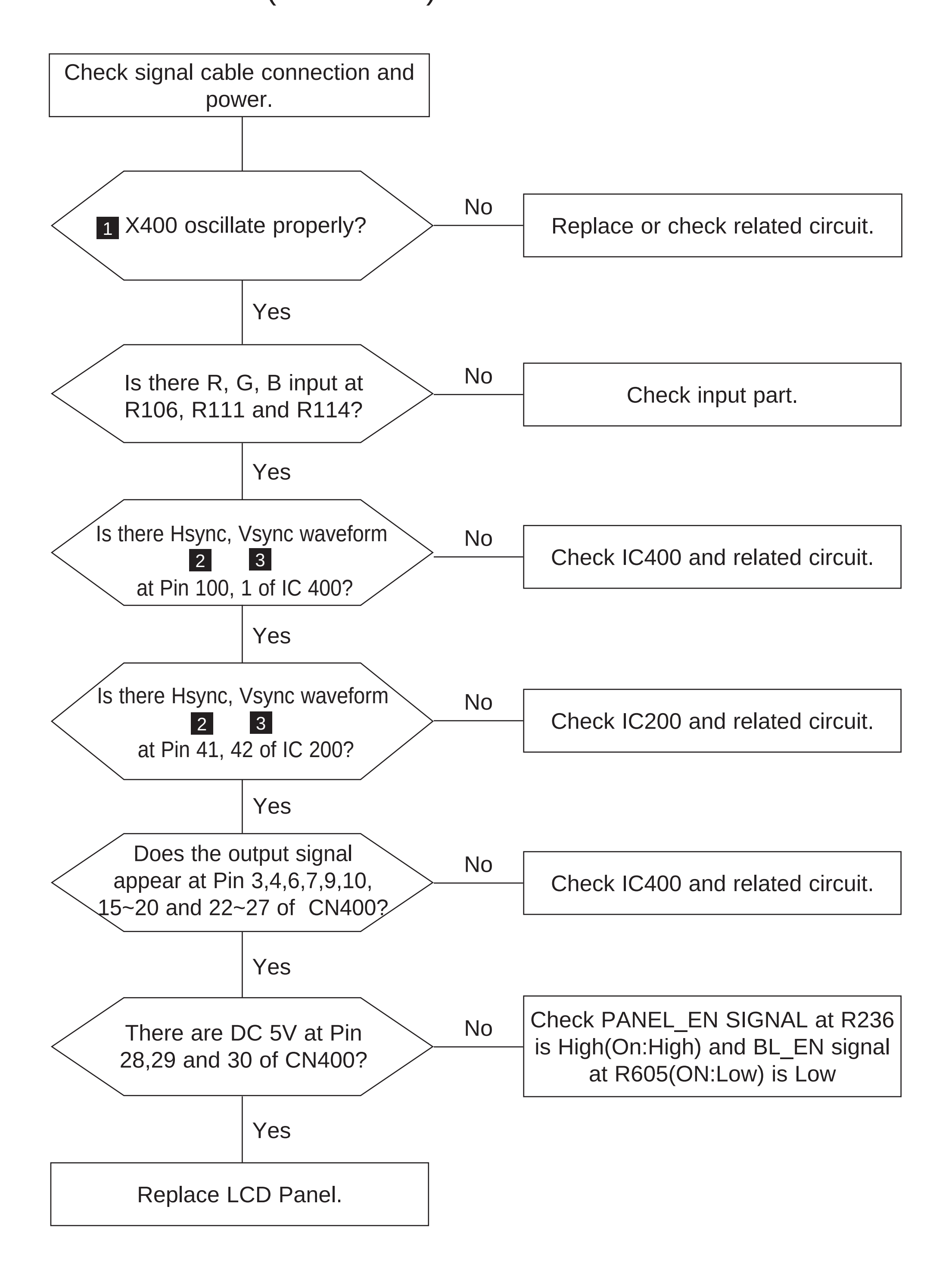
4. If you push and hold the " ↵ (Enter/Source)" button for more than 5 seconds, the monitor automatically returns to the factory preset.

4-1 No Power (BI17DS/BI19DS)



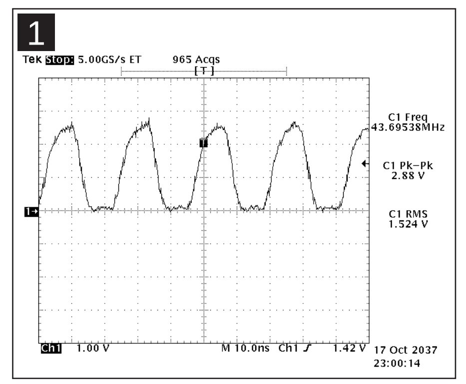
* 0V means power on state.
When the monitor work well except DPMS and power switch off,
0V should be applied to number 4 of CN600.

4-2 No Video (ANALOG)

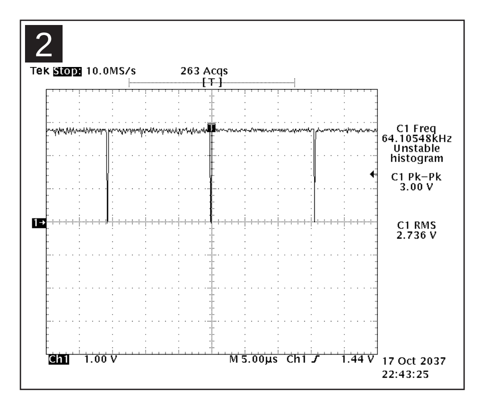


WAVEFORMS

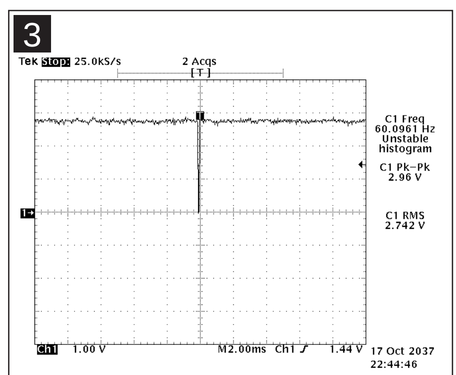
1



2



3



AVDD_DVI 46
G- 45
G+ 44
AVSS_DVI 43
R- 42
R+ 41
AVSS_DVI 40
39

RX0+
RX1-
RX1+
RX2-
RX2+

C411 100nF 16V
C412 100nF 16V
C410 10uF 10V

+3.3V_MST

RB4 24, RB5 25, RB6 26, RB7 27, DDC1_DAT 28, DDC1_CLK 29, DDCROM_CLK 30, DDCROM_DAT 31, HWRESETZ 32, XIN 33, XOUT 34, AVDD_MPLL 35, AVSS_MPLL 36, HSYNC0 37, VSYNC0 38

RIB(4) RIB(5) RIB(6) RIB(7)

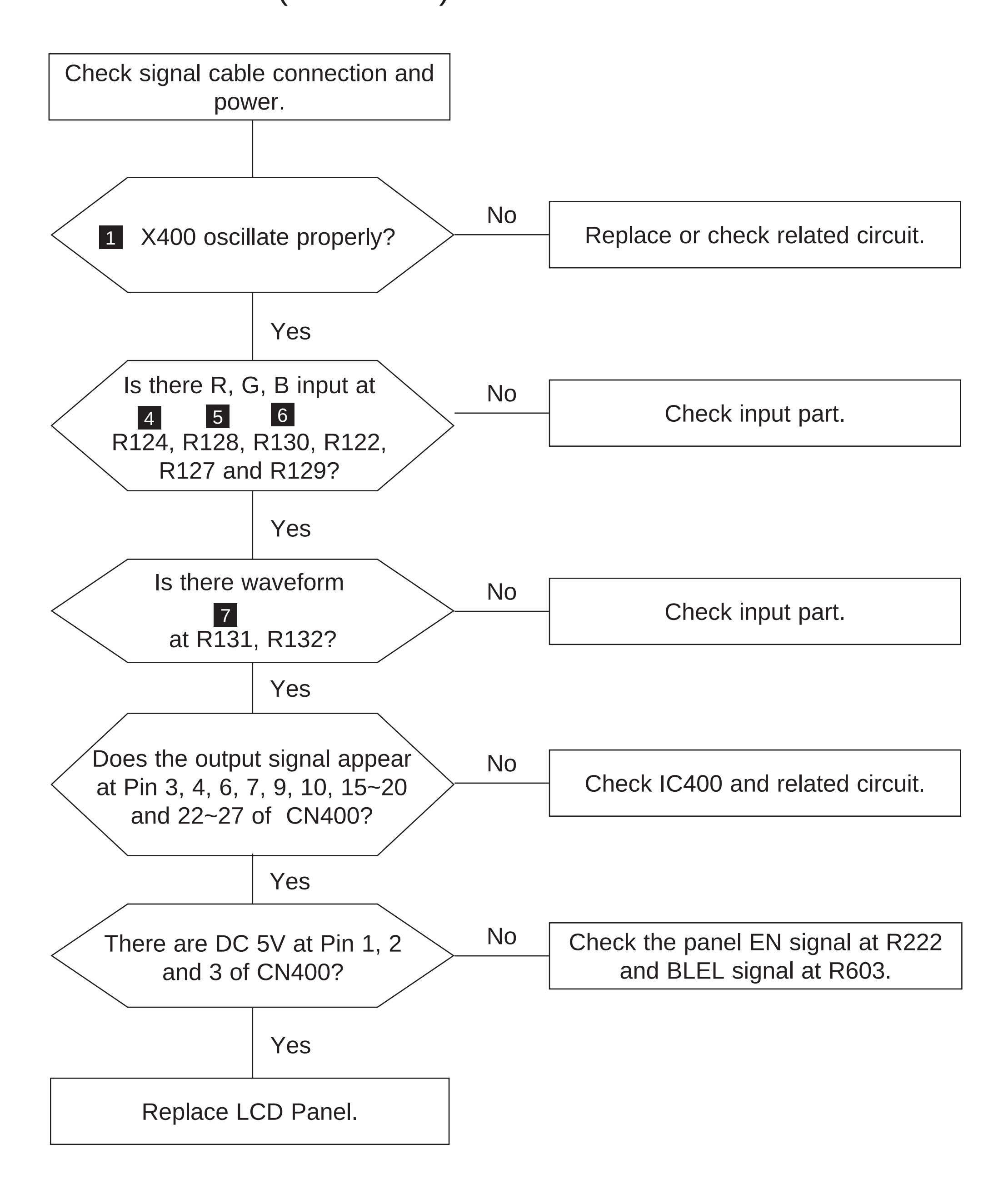
SCALER_RESET
C421 100nF 16V
HSYNC_IN
VSYNC_IN

C413 100nF 16V
C414 100nF 16V
C415 100nF 16V
C416 100nF 16V
C417 100nF 16V
C418 100nF 16V
C419 100nF 16V

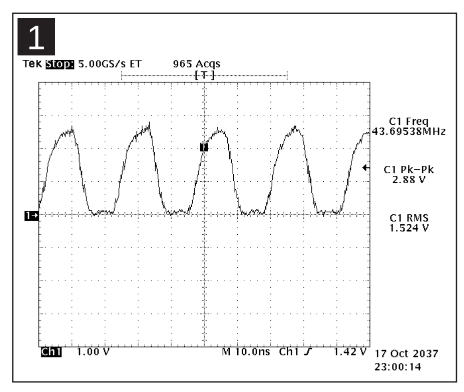
3
2
1

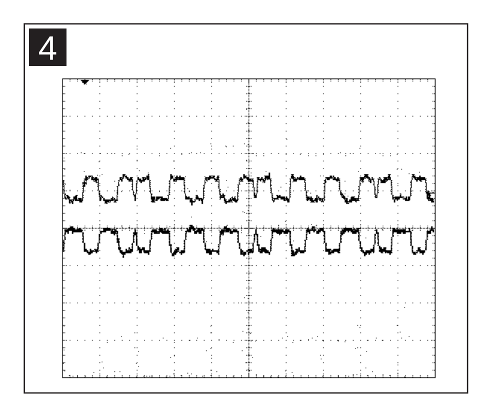
R410 10ohm 1/10W
R411 10ohm 1/10W
X400 12.0MHz
C422 100nF 16V
XTL_OUT
C423 10nF 50V
C425 10pF 50V
C424 10pF 50V

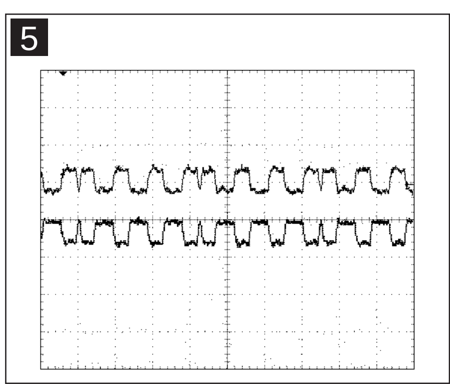
4-3 No Video (DIGITAL)

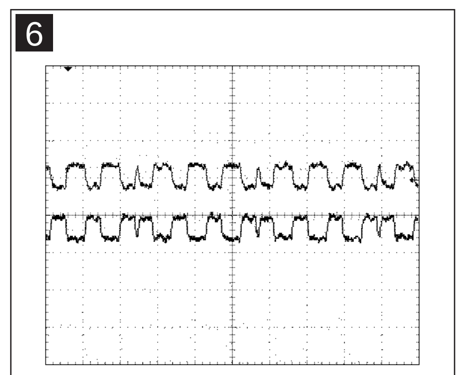


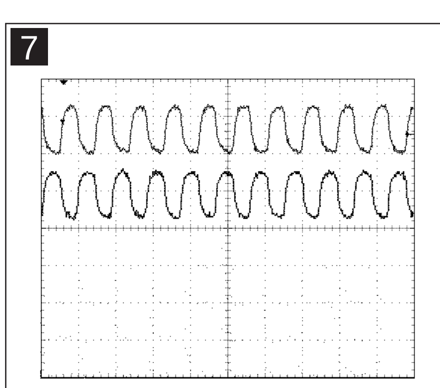
WAVEFORMS

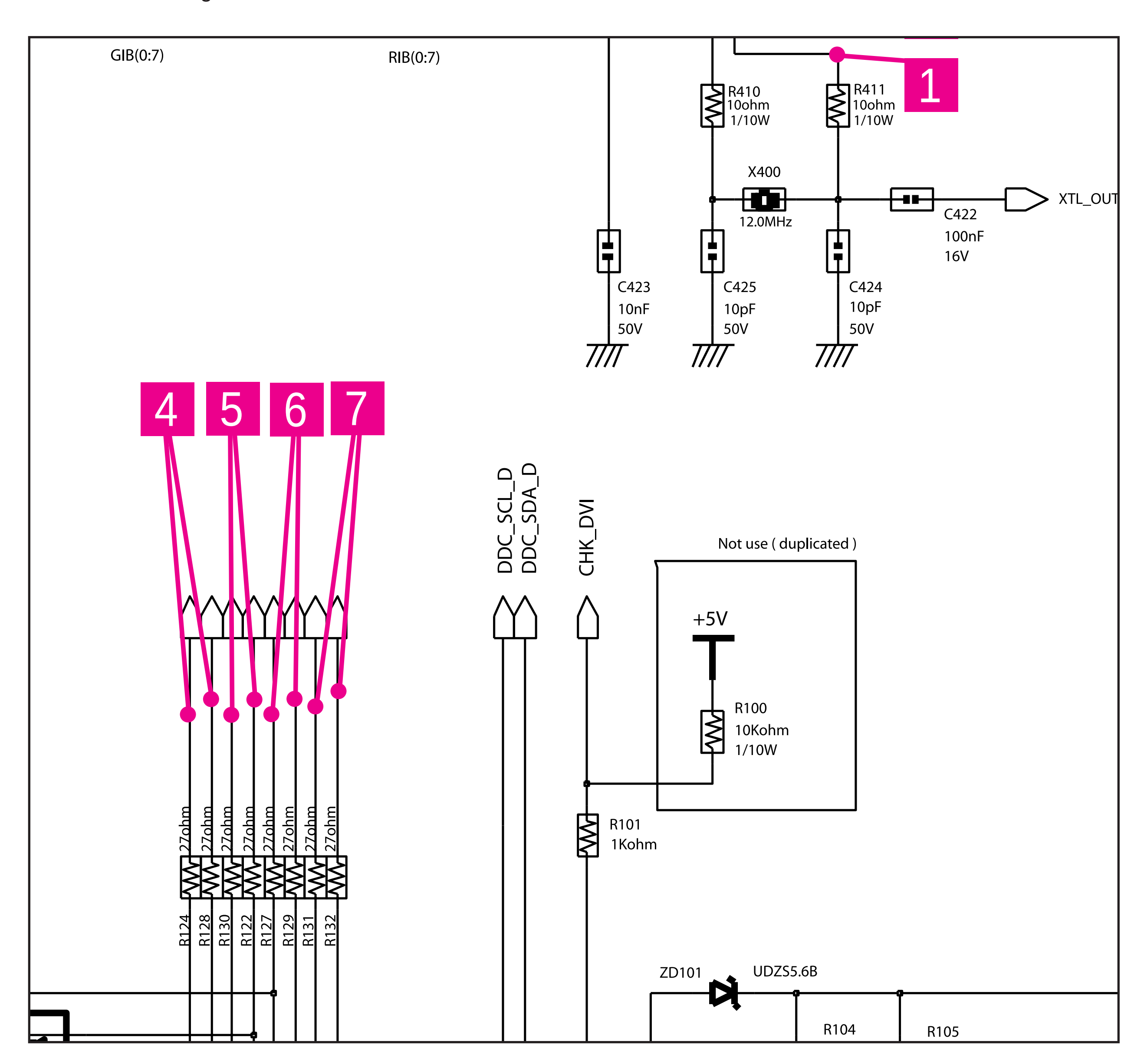

1
Tek Stop: 5.00GS/s ET
965 Acqs
C1 Freq
43.69538MHz
C1 Pk−Pk
2.88 V
C1 RMS
1.524 V
Ch1 1.00 V
M 10.0ns Ch1 1.42 V
17 Oct 2037
23:00:14


4


5


6


7


GIB(0:7)
RIB(0:7)
R410
10ohm
1/10W
R411
10ohm
1/10W
1
X400
12.0MHz
C422
100nF
16V
XTL_OUT
C423
10nF
50V
C425
10pF
50V
C424
10pF
50V
4
5
6
7
DDC_SCL_D
DDC_SDA_D
CHK_DVI
Not use (duplicated)
+5V
R100
10Kohm
1/10W
R101
1Kohm
27ohm
R124
R128
R130
R122
R127
R129
R131
R132
ZD101
UDZS5.6B
R104
R105